

LISTING OF CLAIMS

This claim listing including amendments replaces all previous versions of the claims.

1. (Previously Presented) An integrated mobile device that provides local functionality and communication functionality, comprising:

a power supply;

a computing unit, coupled to the power supply;

a radio communication unit; and

a switch, coupled to power supply and to the computing unit, to selectively couple the radio communication unit to the power supply, to provide first and second modes of operation, wherein the first mode of operation enables the computing unit and the radio communication unit, and the second mode of operation disables the radio communication unit and enables the computing unit.

2. (Previously Presented) The device of claim 1, wherein the radio communication unit provides cellular communication between the mobile device and an external entity.

3. (Original) The wireless communication device of claim 1, wherein the computing unit comprises:

a data storage area to store information; and

a processor, coupled to the data storage area, to retrieve the information.

4. (Original) The wireless communication device of claim 3, wherein the information includes random access information.

5. (Previously Presented) The wireless communication device of claim 3, wherein the information includes read-only information.

6. (Original) The wireless communication device of claim 3, wherein the information includes multimedia information.
7. (Previously Presented) The wireless communication device of claim 1, wherein the computing unit, when the radio communication unit is enabled, provides data communication functionality between the mobile device and an external entity.
8. (Previously Presented) The wireless communication device of claim 7, wherein the external entity comprises an adaptive array base station.
9. (Original) A method for selectively disabling the wireless communication functionality of an integrated portable computing-communication device, the method comprising:
- providing a first mode of operation in which both wireless communication functionality and local functionality of the device are enabled;
 - providing a second mode of operation in which the communication functionality is disabled and the local functionality is enabled; and
 - selectively switching between the first and second modes of operation.
10. (Original) The method of claim 9, further comprising providing a third mode of operation in which neither the wireless communication functionality nor the local functionality of the device is enabled.
11. (Previously Presented) The method of claim 9, wherein selectively switching between the first and second modes of operation comprises:
- in the first mode of operation, providing power to a computing unit and a radio communication unit of the integrated portable computing-communication device, wherein the computing unit provides the local functionality and the radio communication unit provides the communication functionality; and

in the second mode of operation, providing power to the computing unit, and not providing power to the communication unit.

12. (Previously Presented) The method of claim 9, wherein selectively switching between the first and second modes of operation comprises disabling at least a portion of a radio communication unit that provides the communication functionality in the second mode of operation.

13. (Previously Presented) The method of claim 9, wherein the first mode of operation provides transfer of data between the portable device and an external entity.

14. (Previously Presented) The method of claim 13, wherein the external entity includes a base station coupled to a data communication network.

15. (Previously Presented) The method of claim 14, wherein the external entity further includes a voice communication network.

16. (Previously Presented) The method of claim 14, wherein the data communication network includes the Internet.

17. (Previously Presented) A multifunction portable apparatus that provides wireless communication and local functionality, the apparatus comprising:

a first means for providing local functionality;

a second means for providing communication functionality; and

a selection means for selecting between a first mode of operation, wherein both the local functionality and the communication functionality are provided, and a second mode of operation, where the local functionality is provided and the communication functionality is disabled.

- 18.** (Previously Presented) The apparatus of claim 17, wherein the selection means comprises a switching means to switch between the first and second modes of operation.
- 19.** (Previously Presented) The apparatus of claim 18, wherein the switching means is coupled to a power supply means, the switching means to disable the supply of power from the power supply means to at least a portion of the second means.
- 20.** (Previously Presented) The apparatus of claim 17, wherein an external entity triggers the selection means to select between the first and second modes of operation.
- 21.** (Previously Presented) The apparatus of claim 20, wherein the external entity comprises a transmitter to transmit a signal that triggers the selection means to select between the first and second modes of operation.
- 22.** (Previously Presented) The apparatus of claim 17, further comprising an indication means for indicating whether the apparatus is operating in the first or the second mode of operation.
- 23.** (New) In an integrated device combining user-operated computing functionality and wireless communication, a method comprising:
- enabling access to user-operated computing functionality and access to making and receiving wireless calls; and
 - subsequently disabling the access to making and receiving wireless calls; while simultaneously maintaining the access to the user-operated computing functionality the access to making and receiving wireless calls is disabled.
- 24.** (New) The method of claim 23, wherein disabling the access to the making and receiving wireless calls comprises disabling at least a portion of a radio frequency (RF) unit.
- 25.** (New) The method of claim 24, wherein disabling the portion of the RF unit comprises disabling the portion of the RF unit with a switch.

26. (New) The method of claim 24, wherein disabling the portion of the RF unit comprises disabling a local oscillator of the RF unit.
27. (New) The method of claim 26, wherein disabling the local oscillator of the RF unit comprises sending a software command to a local oscillator control circuit to cause the local oscillator to cease operation.
28. (New) The method of claim 26, wherein disabling the local oscillator of the RF unit comprises a hardware selection mechanism triggering a circuit to cause the local oscillator to cease operation.
29. (New) The method of claim 23, wherein disabling the access to the making and receiving wireless calls comprises disabling at least an operation of the antenna.
30. (New) The method of claim 29, wherein disabling the operation of the antenna further comprises disconnecting the antenna from a power supply.
31. (New) The method of claim 29, wherein disabling the operation of the antenna further comprises increasing electromagnetic shielding of the antenna.
32. (New) The method of claim 31, wherein increasing the electromagnetic shielding of the antenna comprises surrounding the antenna with a metal coil.
33. (New) The method of claim 23, wherein disabling the access to the making and receiving wireless calls comprises disabling the access in response to selection of a soft key on the device.
34. (New) The method of claim 23, wherein disabling the access to the making and receiving wireless calls comprises disabling the access in response to toggling of a mechanical switch on the device.
35. (New) The method of claim 23, wherein disabling the access to the making and receiving wireless calls comprises disabling the access in response to depressing of a button on the device.

36. (New) The method of claim 23, wherein disabling the access to the making and receiving wireless calls comprises disabling the access in response to receiving a disable command from an external entity.

37. (New) An article of manufacture comprising a machine accessible medium having content to provide instructions to result in an integrated device with user-operated computing functionality and wireless communication performing operations including:

enabling access to user-operated computing functionality and access to making and receiving wireless calls;
subsequently disabling access to making and receiving wireless calls; and
continuing enabling the access to the user-operated computing functionality while the access to the making and receiving wireless calls is either enabled or disabled.

38. (New) The article of manufacture of claim 37, wherein the content to provide instructions to result in the integrated device performing operations including disabling the access to making and receiving wireless calls comprises the content to provide instructions to result in the integrated device performing operations including disabling at least a portion of a radio frequency (RF) unit.

39. (New) The article of manufacture of claim 38, wherein the content to provide instructions to result in the integrated device performing operations including disabling the access to making and receiving wireless calls comprises the content to provide instructions to result in the integrated device performing operations including sending a software command result in a portion of the RF unit ceasing operation.

40. (New) The article of manufacture of claim 38, wherein the content to provide instructions to result in the integrated device performing operations including disabling the access to making

and receiving wireless calls comprises the content to provide instructions to result in the integrated device performing operations including disabling a local oscillator of the RF unit.

41. (New) The article of manufacture of claim 37, wherein the content to provide instructions to result in the integrated device performing operations including disabling the access to making and receiving wireless calls comprises the content to provide instructions to result in the integrated device performing operations including disabling at least an operation of an antenna.

42. (New) The article of manufacture of claim 37, wherein the content to provide instructions to result in the integrated device performing operations including disabling the access to making and receiving wireless calls comprises the content to provide instructions to result in the integrated device performing operations including disabling the access in response to selection of a soft key on the device.

43. (New) The article of manufacture of claim 37, wherein the content to provide instructions to result in the integrated device performing operations including disabling the access to making and receiving wireless calls comprises the content to provide instructions to result in the integrated device performing operations including disabling the access in response to activation of a mechanical trigger on the device.

44. (New) The article of manufacture of claim 43, wherein the content to provide instructions to result in the integrated device performing operations including disabling the access in response to activation of a mechanical trigger comprises the content to provide instructions to result in the integrated device performing operations including disabling the access in response to depressing of a button on the device.

45. (New) An integrated device combining local processing and data storage and wireless communication, comprising:

means for enabling access to a user to the local processing and data storage;

means for making and receiving wireless communications; and

means for disabling transmission and reception of radio signals to disable the making and receiving wireless communications while maintaining access to the local processing and data storage.

46. (New) The integrated device of claim 45, wherein the means for disabling the transmission and reception of radio signals comprises means for disabling at least a portion of a radio frequency (RF) unit.

47. (New) The integrated device of claim 46, wherein the means for disabling the transmission and reception of radio signals comprises means for disabling a local oscillator of the RF unit.

48. (New) The integrated device of claim 46, wherein the means for disabling the transmission and reception of radio signals comprises means for disconnecting at least a portion of the RF unit from a power source.

49. (New) The integrated device of claim 45, wherein the means for disabling the transmission and reception of radio signals comprises means for disabling an operation of an antenna.

50. (New) The integrated device of claim 49, wherein the means for disabling the operation of the antenna further comprises means for disconnecting the antenna from a power supply.

51. (New) The integrated device of claim 49, wherein the means for disabling the operation of the antenna further comprises means for increasing electromagnetic shielding of the antenna.

52. (New) The integrated device of claim 45, wherein the means for disabling the transmission and reception of radio signals disables the transmission and reception in response to toggling of a mechanical switch on the device.

53. (New) The integrated device of claim 45, wherein the means for disabling the transmission and reception of radio signals disables the transmission and reception in response to depressing of a button on the device.

54. (New) A portable apparatus to provide wireless communication and local processing, comprising:

a direct current power source;

a computing unit coupled to the power source to provide the local processing, the

computing unit having a processor, a memory, and a user interface; and

a radio frequency (RF) unit selectively coupled to the power source through a switch to provide the wireless communication, the RF unit having a radio transceiver, a signal processing unit, and an antenna;

wherein the switch is operated to selectively couple/de-couple one or more of the radio transceiver or the signal processing unit from the power source to provide, respectively, a wireless communication enabled mode having both the wireless communication and the local processing accessible, and a wireless communication disabled mode having the local processing accessible and the wireless communication inaccessible.

55. (New) The portable apparatus of claim 54, wherein the switch is operated to selectively enable/disable a local oscillator of the RF unit.

56. (New) The portable apparatus of claim 54, wherein the switch is operated to selectively connect/disconnect the antenna from the power source.

57. (New) In an integrated device combining interactive data processing functionality and wireless communication, a method comprising:

simultaneously enabling access to the interactive data processing functionality and

enabling operation of a mechanism for wireless signal communication; and

in response to detecting an event, disabling the operation of the mechanism for wireless

signal communication while simultaneously maintaining the access to the interactive

data processing functionality.

58. (New) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the operation of wireless signal reception.

59. (New) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism for operation of wireless signal reception.

60. (New) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism for wireless calls.

61. (New) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism for a data communication session.

62. (New) The method of claim 57, wherein disabling the operation of the mechanism for wireless signal communication comprises disabling the mechanism wide area network access.

63. (New) The method of claim 57, wherein detecting the event comprises detecting a user input.

64. (New) The method of claim 57, wherein detecting the event comprises detecting a signal from an external entity.

65. (New) A method for operating a portable device have both wireless communication functionality and computing functionality, comprising:

providing a standard mode having both the wireless communication functionality and the computing functionality operational;

providing an airplane mode having the computing functionality operational and the wireless communication functionality non-operational; and

switching between the standard mode and the airplane mode in response to a trigger received at the device.

66. (New) The method of claim 65, wherein the portable device comprises a cell phone with personal digital assistant functionality.

67. (New) The method of claim 65, wherein the portable device comprises a personal digital assistant (PDA) with a wireless communication unit.

68. (New) The method of claim 65, wherein the trigger received at the device comprises a depression of a button on the device.

69. (New) The method of claim 65, wherein the trigger received at the device comprises a signal received automatically from an external entity.